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Education

- 2022–Present.** PhD student, Eco-Evo-Devo and Conservation of Fishes.
Ecology, Evolution and Biodiversity Unit, KU Leuven, Belgium
Advisor: Prof. Hugo F. Gante
- 2019–2021** MS in Biology, Indiana State University, USA
Advisor: Dr. Rusty A. Gonser
- 2017–2019** MSc, Zoology, Vidyasagar University, India
Thesis title: Computational Characterization and Analysis of Outer Membrane Protein of *Flavobacterium columnare*
Advisor: Prof. B. C. Patra
- 2014–2017** BSc, Zoology, Midnapore College, India

Professional Experience

Research:

- 2022–Present** PhD Student at Ecology, Evolution and Biodiversity Conservation Unit, KU Leuven
- 2019–2021** Graduate Research Assistant: Rusty A. Gonser Under Dept. of Biology, Indiana State University
- 2018–2019** Master's Thesis Project Trainee, Center for Aquaculture Research & Livelihood, Dept. of Zoology, Vidyasagar University

Teaching Experience:

- 2022–2023** Systematic of Fishes for master's students in Aquaculture, Ghent University, Belgium
- 2019–2021** Intro to Biology for Bio Majors (BIO-101L, Bio102L), Intro to Biology for Bio Non-Majors (BIO-112L). Indiana State University
- 2018–2019** Environmental Zoology (For Bachelors final year), Raja NLK Women's College, West Bengal, India

Publications

- Chini, D., **Mondal, N.**, Singh, S., Kar, A., Ghosh., Patra, P., Mandal, B., Ghorai, S.K., Bisai, D., S., Patra, B. (2023), Ecological and Physiological Assessment along with conservation strategy for thirteen IUCN freshwater fishes from South-West region of West Bengal, India, Next Sustainability, (Under Review)
- Chini, D, **Mondal, N.**, Ghosh, P., Kar, A., Patra, P, Bhattacharya, M., Patra, B. C. (2023) Differentiation in Cytotaxonomy of marine and freshwater actinopterygian fishes of West Bengal, India, Chromosoma (Under Review)
- Chini, D. S., **Mondal, N.**, Kar, A., Bunholi, I., Singh, S., Ghosh, P., ... & Patra, B. C. (2023). Seasonal Variability of Marine Fish Diversity in Relation to Water Quality of East Midnapore Coast of West Bengal, India. Ocean Science Journal, 58(2), 13. **IF: 1.3**

Mondal, N., Chini, D., Patra, B. C. (2023). Length weight relationship of five brackish water fish species from coastal region of West Bengal, Lakes & Reservoirs: Science, Policy and Management for Sustainable Use, (Under Review).

Ghosh, P., Patra, P., **Mondal, N.**, Chini, D. S., & Patra, B. C. (2022). Multi Epitopic Peptide Based Vaccine Development Targeting Immobilization Antigen of *Ichthyophthirius multifiliis*: A Computational Approach. *International Journal of Peptide Research and Therapeutics*, 29(1), 11. **IF: 2.5**

Das, A., Bhattacharya, M., Roy, R., Ghosh, P., **Mondal, N.**, Das, T., ... & Acharya, S. (2020). Genetic diversity and structural characterization of spike glycoprotein of newly emerged SARS-CoV-2, ResearchSquare. (Preprint)

Bhattacharya, M., Sharma, A. R., Sharma, G., Patra, P., **Mondal, N.**, Patra, B. C., ... & Chakraborty, C. (2020). Computer aided novel antigenic epitopes selection from the outer membrane protein sequences of *Aeromonas hydrophila* and its analyses. *Infection, Genetics and Evolution*, 82, 104320. **IF: 4.4**

Bhattacharya, M., Malick, R. C., **Mondal, N.**, Patra, P., Pal, B. B., Patra, B. C., & Kumar Das, B. (2019). Computational characterization of epitopic region within the outer membrane protein candidate in *Flavobacterium columnare* for vaccine development. *Journal of Biomolecular Structure and Dynamics*, 1-10. **IF: 4.4**

Patra, P., **Mondal, N.**, Patra, B. C., & Bhattacharya, M. (2019). Epitope-Based Vaccine Designing of *Nocardia asteroides* Targeting the Virulence Factor Mce-Family Protein by Immunoinformatics Approach. *International Journal of Peptide Research and Therapeutics*, 1-12. **IF: 2.5**

Grants and Fellowships

2017-2019	SVMCM Scholarship for MSc, Govt. of West Bengal, India
2019	Graduate Student Research Fund, Indiana State University
2020	Graduate Student Research Fund, Indiana State University
2019-2021	Graduate Research Assistantship, Indiana State University
2021	Dr. Jing Chen Memorial Scholarship, IU School of Medicine
2022-Present	FLOF PhD fellow, KU Leuven

